User Manual

Slide Kamera HSK series is a professional equipment perfect for smooth shots during the camera movement. Suitable for both light and heavy cameras and photo cameras. Specially designed cart that moves along the rail carries the camera and leads it with the object that is being filmed.

Slide Kamera HSK-5, HSK-6

STANDARD, PRO

Pdf version of the manual available for download: www.slidekamera.eu

slidekamera®

made in POLAND

1/2013

Before you start your work with Slide Kamera HSK series we strongly recommend to read the manual carrefully. Please note that using the device in a manner inconsistent with the instructions, unauthorized repair attempts or any kind of modifications can cause a damage the manufacturer is not responsible for.

In case of damage during transport of the slider you are required to submit:
☑ proof of purchase
☑ protective styrofoam inserts included in the set in case of new product delivery
If you fail to comply with the abovementioned conditions, the manufacturer reserves the right to refuse the complaint.

Please Note:
It is forbidden to remove and reinstall the cart. All attempts to do so may cause damage to the rollers, the manufacturer is not responsible for.

Photos of the products may slightly differ from the actual product due to constant modifications and improvements introduced by the manufacturer.

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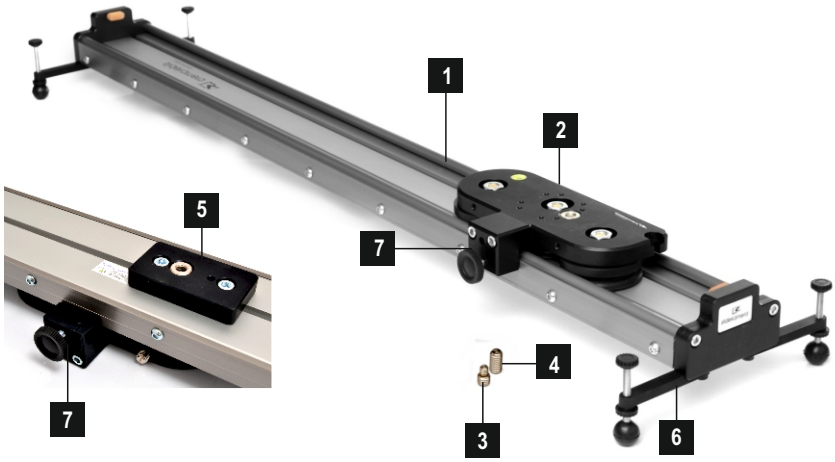
1. Slide Kamera HSK series components

Once the shipment is received please make sure that all elements of the drive are inside.

Standard equipment:

☑ user manual
☑ set of styrofoam inserts to protect during transport
☑ rail (length depends on the model) **[1]**
☑ cart with 3/8 " threaded hole **[2]**
☑ 1/4" threaded screw - AF-11SL reduction 1/4"-3/8" mandrel **[3]** (screwed into the side wall of the cart)
☑ 3/8" threaded screw - AF-12SL reduction 3/8" mandrel **[4]** (screwed on the top of the cart)
☑ AF-8 Port (the amount of ports depends on the model) **[5]** and 5 mm Allen wrench
☑ side feet - 2 pcs (feet model depends on the Slide Kamera model) **[6]**
☑ standstill brake **[7]**

Model	Length of the rail	Maximum permissible load	Amount of AF-8 ports	Side Feet Model
HSK-5 1000 STANDARD	1000 mm	20 kg	2	STANDARD
HSK-5 1000 PRO	1000 mm	20 kg	2	PRO
HSK-5 1500 STANDARD	1500 mm	20 kg	3	STANDARD
HSK-5 1500 PRO	1500 mm	20 kg	3	PRO
HSK-5 2000 STANDARD	2000 mm	20 kg	3	STANDARD
HSK-5 2000 PRO	2000 mm	20 kg	3	PRO
HSK-6 800 STANDARD	800 mm	15 kg	1	STANDARD
HSK-6 800 PRO	800 mm	15 kg	1	PRO



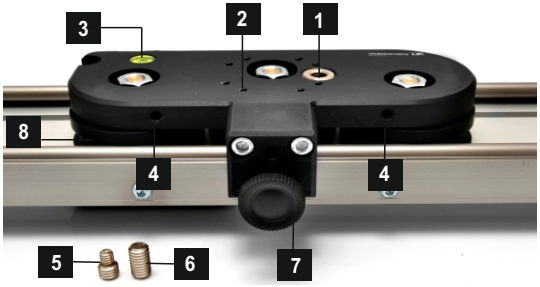
1.1. Cart

The cart was designed basing on high quality components, what guarantees excellent smoothness and stability of motion. It is equipped with a level **[3]** and a standstill brake **[7]** . It is possible to remove the standstill brake and mount other accessories instead, for example electric drive. The 3/8" hole **[1]** built-in in the cart plate allows to mount devices with either 1/4" or 3/8" thread on the cart with the use of a proper reduction:

- ☑ AF-12SL reduction 3/8" mandrel with a cross-cut for a flat wrench **[6]**
- ☑ AF-11SL reduction 1/4"-3/8" mandrel with a cross-cut for a flat wrench **[5]**

In addition, there are 8 M4 holes **[2]** (AKC-3 adapter hole spacing or an adapter such as Manfrotto Mn577). Three bearinged rollers **[8]** move along a specially designed aluminum rail.

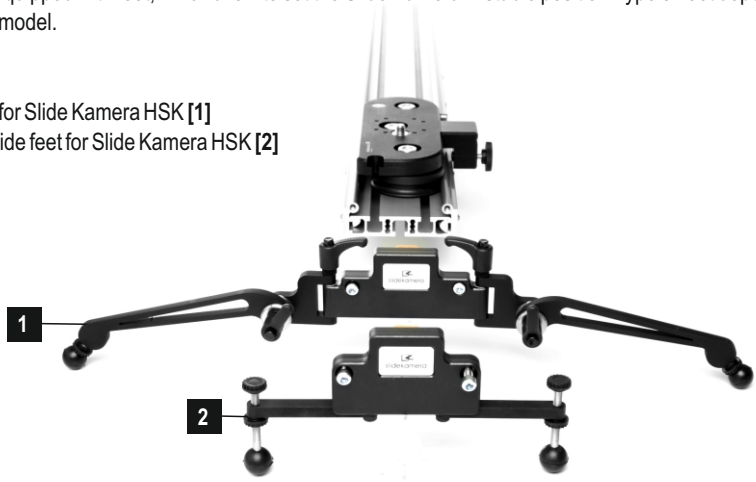
3/8" threaded hole **[1]**
M4 hole **[2]**
Level **[3]**
1/4" threaded hole **[4]**
AF-11SL reduction 1/4"-3/8" mandrel with a cross-cut for a flat wrench **[5]**
AF-12SL reduction 3/8" mandrel with a cross-cut for a flat wrench **[6]**
Standstill brake **[7]**
Roller **[8]**



1.2. Side feet

Rail of our device is equipped with feet, which allow to set the Slide Kamera in stable position.Type of feet depends on the Slide Kamera model.

AF-3-HSK PRO feet for Slide Kamera HSK **[1]**
AF-14 STANDARD side feet for Slide Kamera HSK **[2]**



When using PRO feet it is possible to mount Slide Kamera device on two tripods, what considerably increases stability of the support.

1.3. Rail and AF-8 port

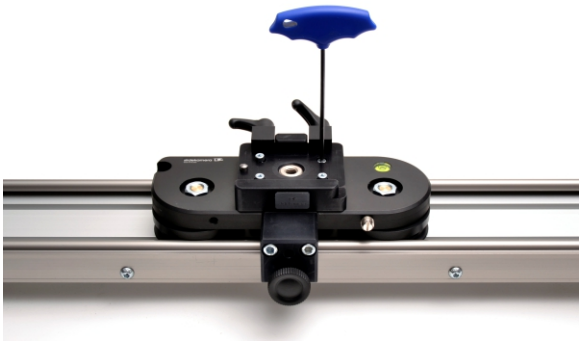
Rail is equipped with AF-8 port (mounting plate) **[1]**, which allows to mount Slide Kamera device directly on the tripod or camera head. There is a 1/4" **[2]**, and 3/8" **[3]** threaded hole on the plate. Amount of mounting plates depends on Slide Kamera model you select.

2. Mounting accessories to the device

2.1. Mounting camera head using Slide Kamera AKC-3 Adapter / Manfrotto MN577

Remove the 3/8" threaded screw - AF-12SL reduction 3/8" mandrel with a cross-cut for a flat wrench and 1/4" threaded screw - AF-11SL reduction 1/4"-3/8" mandrel.

Release the clamps and slide the AK-101 sliding plate out of the AKC-3 adapter. Screw in the base of AKC-3 adapter or Manfrotto MN577 to the plate of the cart using the shorter M4 screws (3mm Allen wrench). There are eight M4 holes on the plate of the cart, what enables to mount the adapter in two positions (parallel and perpendicular to the cart).



Remove the screws : 2 x M8 **[1]** with square nuts from Slide Kamera AK-101 sliding plate and:

- ☑ 1/4" photographic screw **[2]** in the case of mounting the head equipped with 3/8" hole
- ☑ 3/8" photographic screw **[3]** in the case of mounting the head equipped with 1/4" hole
- ☑ grub screw locking 1/4" and 3/8" screws **[4]**

1/4" and 3/8" photographic screws are locked with a grub screw (for 2,5 mm Allen wrench) placed on the side of the AK-101 sliding plate.

Screw in Slide Kamera AK-101 sliding plate to the camera head equipped with 1/4"or 3/8" threaded hole using a suitable photographic screw (1/4" or 3/8").

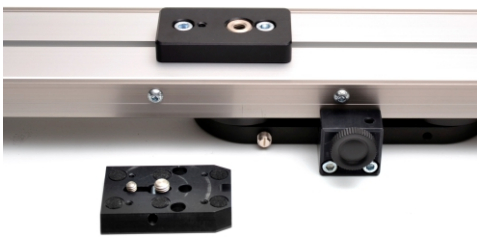
Slide the head into the adapter base.
Lock the clamping knobs of the adapter.

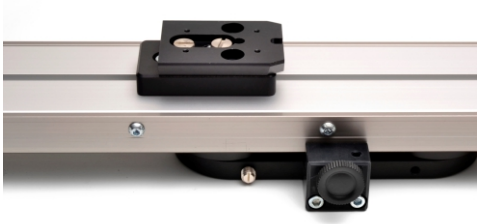
Mounting Slide Kamera AKC-3 adapter or Manfrotto MN577 adapter on the cart allows to change the accesories used in photo-video productions in a fast and easy way.

2.2. Mounting Slide Kamera AKC-3 Adapter / Manfrotto MN577 to the AF-8 lower port

Mounting AKC-3 Slide Kamera adapter or Manfrotto MN577 adapter to the AF-8 lower port (added to Slide Kamera device) allows to quickly dismount the device from the accessory such as tripod, rotational head or any other.
Slide out the AK-101 sliding plate from the AKC-3 adapter, remove all screws except for the 3/8" and 1/4" photographic screws and the grub that locks them.

Mount the Slide Kamera AK-101 sliding plate to the AF-8 lower port using 3/8" and 1/4" screws.



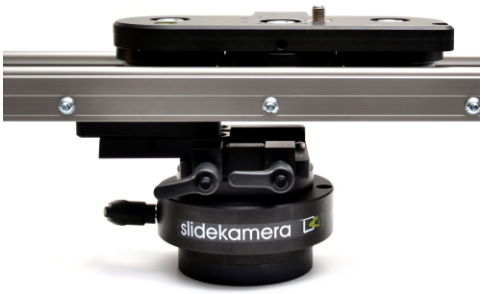


AK- 101 sliding plate can also be mounted directly to the rail using M8 screws and square nuts that fit into the slot in the profile (applies only to HSK-5 model). In this case, disassemble side foot of the device and insert the nuts into the slot in the same way you attach AF-8 port.

2.2.1. Example of mounting Slide Kamera to the HGO-2 rotational head.

Remove the AF-12LG reduction screwed into the 3/8" central hole of the rotational head. Mount Slide Kamera AKC-3 adapter base to the rotational head disc using short M4 screws (supplied with Slide Kamera AKC-3 adapter).

Slide the AK-101 sliding plate into the AKC-3 adapter base thus connecting Slide Kamera device to the HGO-2 rotational head. Lock the clamping knobs of the adapter.



2.2.2. Example of mounting Slide Kamera to the HST-2 tripod

Mount Slide Kamera AKC-3 adapter base to the Slide Kamera HST-2 tripod socket using for instance Manfrotto 75mm 520 BALLSH half ball or Slide Kamera HSZ-2 quick mounting screw.

Slide the AK-101 sliding plate into the AKC-3 adapter base thus connecting Slide Kamera device to Slide Kamera HST-2 tripod. Lock the clamping knobs of the adapter.

Slide Kamera products are specially designed to allow to mount various accessories in a variety of combinations. Our solutions provide great configuration possibilities and universality of our products.

3. Electric drive for Slide Kamera HSK

3.1. HDN-2 DC drive for Slide Kamera HSK series

Slide Kamera drive specially designed for smooth shots in motion ranging from 2mm/s to 55mm/s as well as Timelapse photos. The cart is is driven by a DC motor connected to the controller. Drive can be supplied from either AC adapter or three R6/AA batteries.

3.2. HDN-2 PRO DC drive for Slide Kamera HSK series (with photo camera synchronization)

Slide Kamera drive specially designed for smooth shots in motion ranging from 2mm/s to 55mm/s as well as Timelapse photos. The cart is is driven by a DC motor connected to the controller. Drive can be supplied from either AC adapter or three R6/AA batteries.

3.3. HKN-1 stepper drive for Slide Kamera HSK series

Drive designed for sequential as well as in motion shots. The cart is driven by a stepper motor connected to the controller.

3. Transport

Slide Kamera HSK series is a very precise device allowing to obtain excellent visual effects, however some of theelements of our device are susceptible to damage. These are the guide rails, which are in direct contact with the rollers and the rollers themselves. Even the smallest damage (hitting, scratching) can cause performance deterioration of the device. During the transportation it is crucial to secure the abovementioned elements in the most efffective way. It is recommended to transport the Slide Kamera in, for example: Slide Kamera PSK cover, Slide Kamera CSK transport case or in any way so that the rails and rollers are protected against damage.

Slide Kamera PSK-3 cover

CSK-4 transport case for Slide Kamera HSK-5 1500

During transport the cart should be immobilized and feet assembled.

AF-3-HSK PRO feet properly assembled for transport in Slide Kamera PSK cover.

AF-14 STANDARD feet properly assembled for transport in Slide Kamera PSK cover.

4. Maintenance and operation

☑ By maintenance we understand cleaning the device and periodically checking the clearance between the rail and the rollers of the cart
☑ Use a soft cloth to clean. Never use abrasive or caustic products, which could cause the damage of the protective coatings
☑ To remove any impurities, you can use compressed air
☑ **Do not lubricate the rollers, or rails along which the rollers move**
☑ To clean the center roller, you can use ear stick with cotton bud
☑ In case of an excessive clearance of the cart please contact Slide Kamera service
☑ Do not leave the device in the sun because the grease may flow out from the roller bearings what can lead to a serious damage
☑ Any changes in the design and repairs are made only and exclusively by the manufacturer
☑ Failure to comply with the recommended guidelines outlined in this manual will result in loss of warranty.
☑ You can find the list of service centres on the manufacturer's website: www.slidekamera.pl/ www.slidekamera.eu

5. Terms of warranty

All Slide Kamera products are covered manufacturer's warranty for a period of 12 months from the date of sale. Warranty covers any design faults or of the material of the product which resulted in the product malfunctioning. The warranty covers the repair, or, if the repair proves impossible, replacement of the product with a new one. Hovewer, the cost of repair of cannot overrun the catalogue value of the product.The warranty does not cover damage and / or product defects resulting from the improper usage, as well as not following product maintenance specifications.

The warranty excludes:

☑ unauthorized attempts to repair or modify
☑ mechanical damage caused during transport and operation of such features, scratches, dents, pits, dirt, etc ...
☑ flooding, moisture

To obtain warranty service the purchaser should deliver the damaged product together with a proof of purchase and proof of payment (invoice, cash register receipt). The product will be accepted for warranty service on condition that it will be delivered with correctly filled in complaint form and properly protected during transport. You can download the complaint form from: www.slidekamera.pl / www.slidekamera.eu
After the warranty period is exceeded any spare parts can be purchased directly from the manufacturer or in any selected points of sale.

The manufacturer runs also a post warranty service: HET-CNC s.c., 80-175 Gdańsk, Ul. Kartuska 386

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